

ABSTRACT

A polyester combined filament yarn composed of a self-extending polyester multifilament yarn A and a heat-shrinkable polyester multifilament yarn B, wherein the polyester multifilament yarn A comprises a core portion and a plurality of fin portions protruding in a radial fashion from the core portion along the lengthwise direction of the core portion, and the following conditions (a) to (c) are simultaneously satisfied.

$$(a) \frac{1}{20} \leq S_B/S_A \leq \frac{1}{3}$$

$$(b) 0.6 \leq L_B/D_A \leq 3.0$$

$$(c) W_B/D_A \leq \frac{1}{4}$$

(where S_A represents the cross-sectional area of the core portion, D_A represents the diameter of the core portion when the cross-section is a circle and the circumscribed circle diameter when it is not a circle, and S_B , L_B and W_B represent the cross-sectional area, maximum length and maximum width, respectively, of the fin portions.)